

**Table S4.** Estimates of population differentiation (pairwise  $F_{ST}$ ) among 14 population samples of *Clitarchus hookeri* from New Zealand and the UK based on 10 microsatellite loci. Pairs of populations that were not significantly genetically differentiated from one another (using the exact G test;  $P < 0.05$ ) are shown in bold.

	Opanuku	Stony Bay	Karapiro	East Cape	Taranaki	UK	Gisborne	Turitea	Otaki 2003	Otaki 2013	Wilton 2003	Wilton 2016	Manaroa	Peel Forest
Opanuku	0													
stony		0.1821	0											
Kara		0.2327	0.147	0										
East Cape		<b>0.2757</b>	0.1922	0.2587	0									
Taranaki			0.6134	0.5116	0.5331	0.6392	0							
UK				0.8559	0.6498	0.6604	0.8897	0.1221	0					
Gisborne					0.4913	0.3766	0.3801	0.4209	0.5891	0.8132	0			
Turitea						0.6439	0.478	0.4899	0.6652	0.7339	0.9461	0.5958	0	
Otaki03							0.3482	0.2734	0.299	0.3622	0.2845	0.6004	0.3414	0.5039
Otaki13								0.326	0.2513	0.301	0.3348	0.1088	0.3569	0.3227
Wilton03									0.5484	0.3852	0.4517	0.4928	0.513	0.8745
Wilton16										0.6833	0.5274	0.5544	0.6481	0.5959
Manaroa											0.686	0.4599	0.4926	0.6588
Peel												0.7066	0.4867	0.5055